

TRANSMIT-RECEIVE FM-CW RADAR APPARATUS

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ABSTRACT OF THE DISCLOSURE

10 A transmit-receive FM-CW radar apparatus according
to one mode of the invention comprises: a mixer for
downconverting an IF signal; a switch provided on the
input side of the mixer; and a switch controller for
controlling the switch on and off in different modes and
selecting the IF signal in the different modes for supply
to said mixer. A transmit-receive FM-CW radar apparatus
15 according to another mode of the invention comprises: a
mixer for downconverting an IF signal; a switch for
turning on and off a local signal to be supplied to the
mixer; and a switch controller for controlling the switch
on and off in different modes and selecting the local
20 signal in the different modes for supply to the mixer.

[Representative drawing] Fig. 7